

CLAIMS

1. In a computer system, a method of using a name space in
generating a graphical user interface (GUI) comprising:

obtaining program code configured to generate a plurality of
5 definitional statements for a GUI;
associating a name space designation with said program code;
said program code using said name space designation to generate said
plurality of definitional statements.

2. The method of claim 1 wherein said program code using said
10 name space designation further comprises:

generating a label to be associated with data, said label including said
name space designation.

3. The method of claim 2 further comprising:

associating said label with said data;
15 identifying said program code as recipient of said data using said name
space designation in said label.

4. The method of claim 1 wherein said program code is an
object-oriented object.

5. The method of claim 1 wherein said plurality of definitional
20 statements are Hypertext Markup Language statements.

6. The method of claim 1 further comprising:
generating a design for a GUI page, said design identifying a plurality of GUI elements.

7. The method of claim 6 wherein one of said plurality of GUI elements in said design is located within another of said plurality of GUI elements, said step of associating further comprises:

associating a first name space designation with program code configured to generate definitional statements for said another of said GUI elements;

10 associating a second name space designation with program code configured to generate definitional statements for said one of said plurality of GUI elements, said second name space designation including said first name space designation.

8. A graphical user interface (GUI) system comprising:

15 a processor;

program code coupled to said processor, said program code configured to generate a name space designation for a control associated with a graphical user interface (GUI) element;

20 said control configured to generate a plurality of definitional statements for said GUI element.

9. The system of claim 8 wherein one of said plurality of definitional statements includes a name attribute, said name attribute specifying a data label containing said name space designation:

10. The system of claim 8 further comprising:

5 a browser configured to generate a name-value pair, said name portion of said name-value pair including said label.

11. The system of claim 10 further comprising:

10 a page control configured to examine said name portion of said name-value pair and to direct said name-value pair to said program code based on said name space designation in said name portion.

12. The system of claim 8 wherein said control is an object-oriented object.

13. The system of claim 8 wherein said control is a Java Bean.

14. A computer program product comprising:

15 a computer usable medium having computer readable program code embodied therein for using a name space in generating a graphical user interface (GUI) comprising:

computer readable program code configured to cause a computer to generate a name space designation computer readable control program code;

20 computer readable program code configured to cause a computer to associate a name space designation with said control program code;

said computer readable control program code configured to cause a computer to use said name space designation to generate said plurality of definitional statements for said GUI.

15. The computer program product of claim 14 wherein said
5 computer readable configured program code further comprises:

computer readable program code configured to cause a computer to generate a label to be associated with data, said label including said name space designation.

16. The computer program product of claim 15 further comprising:

10 computer readable program code configured to cause a computer to associate said label with said data;

computer readable program code configured to cause a computer to identify said computer readable control program code as recipient of said data using said name space designation in said label.

15 17. The computer program product of claim 14 wherein said plurality of definitional statements are Hypertext Markup Language statements.

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18. The computer program product of claim 14 wherein said computer readable control program code is an object-oriented object.

19. The computer program product of claim 18 wherein said object-oriented object is a Java Bean.

20. The computer program product of claim 14 wherein said GUI comprises a plurality of GUI elements, one of said plurality of GUI elements is defined as being within another of said plurality of GUI elements, said computer readable program code configured to cause a computer to associate further comprises:

computer readable program code configured to cause a computer to associate a first name space designation with a first computer readable control program code configured to generate definitional statements for said another of said GUI elements;

computer readable program code configured to cause a computer to associate a second name space designation with a second computer readable control program code configured to generate definitional statements for said one of said plurality of GUI elements, said second name space designation including said first name space designation.